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Assistant Commissioner for Patents  
Washington, D.C. 20231

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : DAVI149.001APC

**Applicant(s)** : Hasse et al.

**For** : LAWSONIA DERIVED GENE AND  
RELATED OMPH POLYPEPTIDES,  
PEPTIDES AND PROTEINS AND THEIR  
USES

**Attorney** : Daniel E. Altman

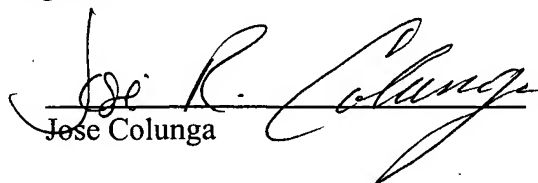
**"Express Mail"**  
**Mailing Label No.** : EL672821214US

**Date of Deposit** : November 13, 2001

I hereby certify that the accompanying

Transmittal letter; specification in 68 pages; 10 sheets of drawings; Preliminary Amendment in 11 pages; IPER; PCT Form 308; PCT Form 402; Int'l. Search Report; Int'l. Application as Published Cover Sheet; Demand; PCT Request; Sequence Listing in 3 pages; Disk copy of Sequence Listing; Check(s) for Filing Fee(s); Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Jose Colunga

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Date: November 13, 2001

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**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 USC 371**

International Application No.: PCT/AU00/00438  
International Filing Date: May 11, 2000  
Priority Date Claimed: May 13, 1999  
Title of Invention: LAWSONIA DERIVED GENE AND RELATED OMPH POLYPEPTIDES,  
PEPTIDES AND PROTEINS AND THEIR USES  
Applicant(s) for DO/EO/US: Detlef Hasse, Michael Panaccio, Meri Sinistaj

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. (X) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
3. (X) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.  
(X) A copy of Form PCT/IPEA/402 is enclosed.
4. (X) A copy of the International Application as filed (35 USC 371(c)(2))
  - a) ( ) is transmitted herewith (required only if not transmitted by the International Bureau).
  - b) (X) has been transmitted by the International Bureau.
  - c) (X) a copy of Form PCT/1B/308 is enclosed.
  - d) ( ) is not required, as the application was filed in the United States Receiving Office (RO/US).
5. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
  - a) ( ) are transmitted herewith (required only if not transmitted by the International Bureau).
  - b) ( ) have been transmitted by the International Bureau.
  - c) ( ) have not been made; however, the time limit for making such amendments has NOT expired.
  - d) (X) have not been made and will not be made.
6. (X) A copy of the International Preliminary Examination Report with any annexes thereto, such as any amendments made under PCT Article 34.
7. (X) A **FIRST** preliminary amendment.
8. (X) A copy of the International Application as published, including:
  - (X) Publication Cover Sheet
  - (X) 68 pages of disclosure and claims
  - (X) 10 pages of drawings
  - (X) Sequence listing in 3 pages
  - (X) International Search Report

U.S. Application No.  
Pending

International Application No.  
PCT/AU00/00438

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9. (X) Disk Copy of Sequence Listing  
10. (X) PCT Request Form  
11. (X) A return prepaid postcard.  
12. (X) The following fees are submitted:

				FEEs
BASIC FEE				\$1,040
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	34 - 20 =	14 ×	\$18	\$252
Independent Claims	10 - 3 =	7 ×	\$84	\$588
TOTAL OF ABOVE CALCULATIONS				\$1880
TOTAL NATIONAL FEE ENCLOSED				\$1880

13. (X) The fee for later submission of the signed oath or declaration set forth in 37 CFR 1.492(e) will be paid upon submission of the declaration.  
14. (X) A check in the amount of \$1880 to cover the above fees is enclosed.  
15. (X) The Commissioner is hereby authorized to charge only those additional fees which may be required, now or in the future, to avoid abandonment of the application, or credit any overpayment to Deposit Account No. 11-1410.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

  
Daniel E. Altman  
Reg. No. 34,115  
Customer No. 20,995

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